

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	53	"6606690" "7162597" "20020116452"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 14:42
L3	5	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (switch\$3 and (second same ((storage near3 area near3 network) or san or layer\$3)) and (third same network\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 09:58
L4	62	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((second or third) same ((storage near3 area near3 network) or san or switch\$3 or layer\$3 or network\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 10:21
L5	36	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((first or network\$3 or lan or (local near3 area)) same (tape or backup or back-up or (back\$3 near3 up) or recover\$3 or restor\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 10:49
L6	10	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((gig\$8 near4 ethernet) or "802.3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 11:20
L7	1	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (((lan or net\$7) near3 free) with (backup or back-up or (back\$3 near3 up))) or (attach\$3 near3 (tape or drive)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 11:45

## EAST Search History

L8	1	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (server-free or (server near3 free))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 12:00
L9	7	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((second with (disk or stor\$3 or array)) same fiber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 12:05
L10	1	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (((second with (disk or stor\$3 or array)) same fiber) same (tape or media or backup or back-up or (back\$3 near3 up)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 14:27
L11	2	"20020163910"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 14:27
L12	56	"6606690" "7162597" "20020116452" "20020163910" "7191225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:45
L13	0	("6606690" "7162597" "20020116452" "20020163910" "7191225") and IEEE-1394	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:46
L14	0	("6606690" "7162597" "20020116452" "20020163910" "7191225") and "1394"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:48

## EAST Search History

L15	8	("6606690" "7162597" "20020116452" "20020163910" "7191225") and asynchronous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:48
L17	0	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (third and (atm or asynchronous) and isynchronous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:55
L18	3	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (third and (atm or asynchronous) and isochronous )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:56
L19	3	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (third and ( asynchronous) and isochronous )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:56
S1	1	10/698060	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 09:11
S2	1	"20050021869" and ((first or second or third) near3 network\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 12:06
S3	0	@ad<"20030627" and (asm and ebr and hsm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 15:16

## EAST Search History

S4	1	(asm and ebr and hsm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 15:17
S5	20	@ad<"20030627" and ((asm or (application near3 storage near3 manage\$4)) and (ebr or (backup near3 recover\$3)) and (hsm or (hierarch\$4 near3 storage)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 15:45
S6	0	@ad<"20030627" and ((asm or (application near3 storage near3 manage\$4)) and (ebr or (backup near3 recover\$3)) and (hsm or (hierarch\$4 near3 storage))) and ((first and second and third) with network\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 15:55
S7	264	@ad<"20030627" and (ebr or (backup near3 recover\$3))and ((first and second and third) with network\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 16:21
S8	1692	( "6111707" "5577205" "5793620" "5854754" "5574906" "5634052" "5495607" "20050071391" "5778395" "5813017" "5649196" "5832522" "6026414" "5537585" "6209023" "6230198" "6038379" "20050021869" "5751997" "5829046" "5835953" "5875478" "6000020" "6073222" "6085298" "5991860" "6119212" "6185655" "5964874" "6128734" "6038665" "5608865" "6158019" "6301677" "5212772" "6163856" "6058494" "5678042" "5819020" "5974563" "5537533" "5633999" "5276860" "5799147" "5852713" "6035412" "5809224" "6058489" "5907672" "5797016" "6977927" "20040024808" "6418478" "6606690" "6728847" "5751997" "6671820" "20020166079" ) and @ad<"20030627"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 16:59

## EAST Search History

S9	21	( "6111707" "5577205" "5793620" "5854754" "5574906" "5634052" "5495607" "20050071391" "5778395" "5813017" "5649196" "5832522" "6026414" "5537585" "6209023" "6230198" "6038379" "20050021869" "5751997" "5829046" "5835953" "5875478" "6000020" "6073222" "6085298" "5991860" "6119212" "6185655" "5964874" "6128734" "6038665" "5608865" "6158019" "6301677" "5212772" "6163856" "6058494" "5678042" "5819020" "5974563" "5537533" "5633999" "5276860" "5799147" "5852713" "6035412" "5809224" "6058489" "5907672" "5797016" "6977927" "20040024808" "6418478" "6606690" "6728847" "5751997" "6671820" "20020166079" ) and @ad<"20030627" and ((first and second and third) with network\$3) and ((backup or (back\$3 near3 up)) with restor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:00
S10	267	( "6977927" "7188125" "5964831" "20040024808" "20020188691" "5892915" "6418478" "5974503" "5737747" "6754785" "6606690" "6728847" "5751997" "6842833" "5829046" "6625750" "7124322" "6671820" "5987621" "20020166079" ) and @ad<"20030627" and (asm or ebr or hsm or (hierarch\$4 near3 stor\$3) or (enterpris\$3 near3 (backup or recover\$3)) or (application near3 stor\$3) or (backup near3 recover\$3) or (distribut\$3 near3 network\$3) or (storage near3 area) or gige)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:23

## EAST Search History

S11	81	( "6977927" "7188125" "5964831" "20040024808" "20020188691" "5892915" "6418478" "5974503" "5737747" "6754785" "6606690" "6728847" "5751997" "6842833" "5829046" "6625750" "7124322" "6671820" "5987621" "20020166079" ) and @ad<"20030627" and (asm or ebr or hsm or (hierarch\$4 near3 stor\$3) or (enterpris\$3 near3 (backup or recover\$3)) or (application near3 stor\$3) or (backup near3 recover\$3) or (distribut\$3 near3 network\$3) or (storage near3 area) or gige) and network\$3 and (backup or (back\$3 near3 up)) and restor\$3 and tape	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:25
S12	85	( "6977927" "7188125" "5964831" "20040024808" "20020188691" "5892915" "6418478" "5974503" "5737747" "6754785" "6606690" "6728847" "5751997" "6842833" "5829046" "6625750" "7124322" "6671820" "5987621" "20020166079" ) and @ad<"20030627" and (asm or ebr or hsm or (hierarch\$4 near3 stor\$3) or (enterpris\$3 near3 (backup or recover\$3)) or (application near3 stor\$3) or (backup near3 recover\$3) or (distribut\$3 near3 network\$3) or (storage near3 area) or gige or ((first or second or third) with network\$3)) and network\$3 and (backup or (back\$3 near3 up)) and restor\$3 and tape	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:35
S13	91	Aultman.in. or Kittinger.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:31

## EAST Search History

S14	0	(Aultman.in. or Kittinger.in.) and (bellsouth.as. or (bell near3 south).as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:30
S15	2907	(bellsouth.as. or (bell near3 south).as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:30
S16	60	(Aultman.in. or Kittinger.in.) and @ad<"20030627"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:31
S17	85	( "6977927" "7188125" "5964831" "20040024808" "20020188691" "5892915" "6418478" "5974503" "5737747" "6754785" "6606690" "6728847" "5751997" "6842833" "5829046" "6625750" "7124322" "6671820" "5987621" "20020166079" "20040229638") and @ad<"20030627" and (asm or ebr or hsm or (hierarch\$4 near3 stor\$3) or (enterpris\$3 near3 (backup or recover\$3)) or (application near3 stor\$3) or (backup near3 recover\$3) or (distribut\$3 near3 network\$3) or (storage near3 area) or gige or ((first or second or third) with network\$3)) and network\$3 and (backup or (back\$3 near3 up)) and restor\$3 and tape	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 17:35
S18	78908	@ad<"20030627" and ((first or second or third) near3 network\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 12:08

## EAST Search History

S19	2163	@ad<"20030627" and ((first or second or third) near3 network\$3) and (709/219.ccls. or 709/249.ccls. or 709/217.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 12:10
S20	51	@ad<"20030627" and ((first or second or third) near3 network\$3) and (709/219.ccls. or 709/249.ccls. or 709/217.ccls.) and (backup near3 (recover\$3 or restor\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 12:10
S21	10	("20040229638" "6977927" "6226623" "6675177" "7065539" "6714952" "7035880" "6487561" "7188125" "5964831" "20040024808" "20020188691" "20020161846" "5944789" "7139811" "7062541" "5948062" "5892915" "6061504" "20020165942" "20020161860" "6957251" "7054927" "6230200" "7191244" "7209972" "7133923" "7188187" "6298386" "6418478" "6848007" "6990547" "6697895" "6393516" "7107395" "6745286" "5974503" "6701411" "6760808" "7065610" "6754773" "5737747" "6754785" "6735676" "6606690" "6675271" "6397308" "6269431" "5829046" "6385706" "6842833" "6366987" "5751997" "6353878" "6434681" "6549992" "6826666" "5966730" "6728847" "6374336" "7185169" "6625750" "6275953" "7124322" "5987621" "6816980" "6880101" "6671820" "6163856" "6871295" "20020166079" "6775792" "6990667" "6704873" "20040015723" ) and @ad<"20030627" and ((first and second) near5 network\$3) and (backup or back-up or (back\$3 near3 up)) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 13:46



## EAST Search History

S22	71	@ad<"20030627" and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3 and (over-the-network or (over near3 network\$3) or (enterprise near3 (backup or back-up or (back\$3 near3 up))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 13:49
S23	0	@ad<"20030627" and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3 and ((over-the-network or (over near3 network\$3) near3 (backup or back-up or (back\$3 near3 up))) or (enterprise near3 (backup or back-up or (back\$3 near3 up))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 13:50
S24	122	@ad<"20030627" and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 13:51
S25	180	@ad<"20030627" and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3 and ((over-the-network or (over near3 network\$3) near3 (backup or back-up or (back\$3 near3 up)))) or ((enterprise near3 (backup or back-up or (back\$3 near3 up))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 14:10
S26	0	@ad<"20030627" and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3 and (((over-the-network or (over near3 network\$3) near3 (backup or back-up or (back\$3 near3 up)))) or ((enterprise near3 (backup or back-up or (back\$3 near3 up))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 14:11

## EAST Search History

S27	1	((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3 and (((over-the-network or (over near3 network\$3) near3 (backup or back-up or (back\$3 near3 up)))) or ((enterprise near3 (backup or back-up or (back\$3 near3 up))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 14:12
S28	0	@ad<"20030627" and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3 and (((over-the-network or (over near3 network\$3) near3 (backup or back-up or (back\$3 near3 up)))) or ((enterprise near3 (backup or back-up or (back\$3 near3 up))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 14:15
S29	0	@ad<"20030627" and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric or (hi\$2 near3 speed) or hi-speed) near3 switch\$3) and media and tape and fiber and san and process\$3 and (((over-the-network or (over near3 network\$3) near3 (backup or back-up or (back\$3 near3 up)))) or ((enterprise near3 (backup or back-up or (back\$3 near3 up))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 14:17
S30	13	@ad<"20030627" and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric or (hi\$2 near3 speed) or hi-speed) near3 switch\$3) and media and tape and fiber and san and process\$3 and (((network\$3 near3 (backup or back-up or (back\$3 near3 up)))) or ((enterprise near3 (backup or back-up or (back\$3 near3 up))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 14:36

## EAST Search History

S31	1288	@ad<"20030627" and ((first and second) near3 network\$3) and ((first and second) near3 stor\$3) and (recover\$3 or restor\$3) and (((gig\$4 or fabric or (hi\$2 near3 speed) or hi-speed) near3 switch\$3) or media or tape or fiber or san or process\$3 or (((network\$3 near3 (backup or back-up or (back\$3 near3 up)))) or ((enterprise near3 (backup or back-up or (back\$3 near3 up))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 14:40
S32	11	@ad<"20030627" and ((first and second) near3 network\$3) and ((first and second) near3 stor\$3) and (recover\$3 or restor\$3) and (((gig\$4 or fabric or (hi\$2 near3 speed) or hi-speed) near3 switch\$3) and (media or tape or fiber or san or process\$3) and (((network\$3 near3 (backup or back-up or (back\$3 near3 up)))) or ((enterprise near3 (backup or back-up or (back\$3 near3 up))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 15:09
S33	6	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966") and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and ((gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3 and ((first and second) near5 stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 09:26
S34	5	@ad<"20030627" and ("6944133" or "7080140" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966") and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and (((hi\$2 near3 speed) or gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and process\$3 and ((first and second) near5 stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 15:27

## EAST Search History

S35	1	@ad<"20030627" and ("6944133" or "7080140" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966") and ((first and second) near5 network\$3) and (recover\$3 or restor\$3) and (((hi\$2 near3 speed) or gig\$4 or fabric) near3 switch\$3) and media and tape and fiber and san and ((first or second) near3 process\$3) and ((first and second) near5 stor\$3) and ((first or second) near3 layer\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 15:40
S36	8	"6606690" and ((network\$3 and process\$3 and stor\$3) with (first and second))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 15:41
S37	3	"6606690" and ((network\$3 and process\$3 and stor\$3) with (first and second)) and @ad<"20030627"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 15:46
S38	1	"6606690" and ((network\$3 and process\$3 and stor\$3 and layer\$3) with (first and second)) and @ad<"20030627"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 15:47
S39	1	"6606690" and ((network\$3 and process\$3 and stor\$3) with (first and second and layer\$3)) and @ad<"20030627"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 15:48
S40	3	"6606690" and ((network\$3 and process\$3 and stor\$3) with (first and second )) and @ad<"20030627" and layer\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 18:16

## EAST Search History

S41	87	@ad<"20030627" and (storage adj area adj network\$3) and (stor\$3 adj layer\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 16:04
S42	2	@ad<"20030627" and (storage adj area adj network\$3 adj layer\$3) and (stor\$3 adj layer\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 16:43
S43	205	@ad<"20030627" and ((backup or back-up or (back\$3 near3 up)) near3 recover\$3) and (stor\$3 near4 layer\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 16:51
S44	2	@ad<"20030627" and ((backup or back-up or (back\$3 near3 up)) near3 recover\$3) and (stor\$3 near4 layer\$3) and (stor\$3 near3 area near3 network\$3 near3 layer\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 16:51
S45	7	"6606690" and (first same process\$3) and (second same stor\$3) and layer\$3 and @ad<"20030627"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 18:18
S46	5	"6606690" and (first same process\$3) and (second same stor\$3 same process\$3) and layer\$3 and @ad<"20030627"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 18:19
S47	4	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((backup or (back\$3 near3 up) or back-up) near3 (restor\$3 or recover\$3)) and san and tape and (fabric or fiber or gig\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 09:39

## EAST Search History

S48	5	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((backup or (back\$3 near3 up) or back-up) near3 (restor\$3 or recover\$3)) and san and tape and (fabric or fiber or gig\$4 or layer\$3 or asm or ebr or ebs or lan or wan or media or switch\$3 or library)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 09:41
S49	5	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((backup or (back\$3 near3 up) or back-up) near3 (restor\$3 or recover\$3)) and san and tape and (fabric or fiber or gig\$4 or layer\$3 or asm or ebr or ebs or lan or wan or media or switch\$3 or library or (second with (net\$7 or stor\$3 or process\$3)) or (first with (net\$7 or stor\$3 or process\$3)) or (third with (net\$7 or stor\$3 or process\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 10:58
S50	94	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((first with process\$3) or layer\$3 or (first with (media or serv\$3)) or app\$8 or stor\$3 or manag\$3 or serv\$3 or communicat\$3 or (media near3 server) or ((local near3 area near3 network\$3) or lan) or client or inform\$5 or transfer\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 11:32

## EAST Search History

S51	19	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((first with process\$3) or layer\$3 or (first with (media or serv\$3)) or app\$8 or stor\$3 or manag\$3 or serv\$3 or communicat\$3 or (media near3 server) or ((local near3 area near3 network\$3) or lan) or client or inform\$5 or transfer\$3) and (process\$3 and media and app\$8 and (lan or (local\$2 near3 area)) and client and stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 12:58
S52	94	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (disk or storage or array or communication or application or manager or server or information or backup or library)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:21
S53	66	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (disk or storage or array or communication or application or manager or server or information or backup or library) and (stor\$3 and (disk or array) and (app\$8 or serv\$3) and (library or tape or media))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 14:27
S54	74	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((second with (media or application or storage or manager or server or communication or ((local near3 area near3 network) or lan or layeror disk or array or information or library or tape or backup or back-up or (back\$3 near3 up) or control\$4 or move\$4))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 15:16

## EAST Search History

S55	2	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((second with (media or application or storage or manager or server or communication or ((local near3 area near3 network) or lan or layeror disk or array or information or library or tape or backup or back-up or (back\$3 near3 up) or control\$4 or move\$4)))) and (stor\$3 and media and app\$8 and (second same (lan or (local near3 area)) and (array or disk) and (tape or library)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 16:12
S56	0	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((second with (media or application or storage or manager or server or communication or ((local near3 area near3 network) or lan or layeror disk or array or information or library or tape or backup or back-up or (back\$3 near3 up) or control\$4 or move\$4)))) and (second same (stor\$3 and media and app\$8 and (lan or (local near3 area)) and (array or disk) and (tape or library)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 15:43
S57	0	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (second same (stor\$3 and media and app\$8 and (lan or (local near3 area)) and (array or disk) and (tape or library)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 15:44
S58	212	@ad<"20030627" and (second same (stor\$3 and media and application and (lan or (local near3 area)) and (array or disk) and (tape or library)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 15:48



## EAST Search History

S59	127	@ad<"20030627" and (second same (stor\$3 and media and application and (lan or (local near3 area)) and (array or disk) and (tape or library))) and (backup or back-up or (back\$3 near3 up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 15:49
S60	0	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((second with (media or application or storage or manager or server or communication or ((local near3 area near3 network) or lan or layeror disk or array or information or library or tape or backup or back-up or (back\$3 near3 up) or control\$4 or move\$4)))) and (stor\$3 and media and app\$8 and (second same ((lan or (local near3 area)) and (array or disk) and (tape or library))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 16:12
S61	28	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((second with (media or application or storage or manager or server or communication or ((local near3 area near3 network) or lan or layeror disk or array or information or library or tape or backup or back-up or (back\$3 near3 up) or control\$4 or move\$4)))) and (stor\$3 and media and app\$8 and (second same ((lan or (local near3 area)) or (array or disk) or (tape or library))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 16:16

## EAST Search History

S62	66	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((second with (media or application or storage or manager or server or communication or ((local near3 area near3 network) or lan or layeror disk or array or information or library or tape or backup or back-up or (back\$3 near3 up) or control\$4 or move\$4)))) and (second same (stor\$3 or media or app\$8 or (lan or (local near3 area)) or (array or disk) or (tape or library)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 16:19
S63	73	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (second same (stor\$3 or media or app\$8 or (lan or (local near3 area)) or (array or disk) or (tape or library)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:59
S64	1	(second near3 process\$3 near3 layer\$3) and (second near3 media near3 serv\$3) and (second near3 applicat\$3 near3 serv\$3) and (second near3 (backup or back-up or (back\$3 near3 up)) near3 (tape or library)) and (second near3 stor\$3 near3 layer\$3) and (second near3 (disk or array))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:40
S65	18506	(second near3 process\$3 near3 layer\$3) or (second near3 media near3 serv\$3) and (second near3 applicat\$3 near3 serv\$3) and (second near3 (backup or back-up or (back\$3 near3 up)) near3 (tape or library)) and (second near3 stor\$3 near3 layer\$3) and (second near3 (disk or array))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:40

## EAST Search History

S66	227	((second near3 process\$3 near3 layer\$3) or (second near3 media near3 serv\$3) or (second near3 applicat\$3 near3 serv\$3) or (second near3 (backup or back-up or (back\$3 near3 up)) near3 (tape or library)) or (second near3 stor\$3 near3 layer\$3) or (second near3 (disk or array))) and 709/219.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:43
S67	54	((second near3 process\$3 near3 layer\$3) or (second near3 media near3 serv\$3) or (second near3 applicat\$3 near3 serv\$3) or (second near3 (backup or back-up or (back\$3 near3 up)) near3 (tape or library)) or (second near3 stor\$3 near3 layer\$3) or (second near3 (disk or array))) and 709/219.ccls. and (process\$3 and media and application and (lan or (local near3 area)) and (array or disk) and (tape or library))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:48
S68	64	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first and media and serv\$3 and stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:09
S69	23	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first and application and storage and manager and server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:12
S70	69	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first same (application or storage or manager or server))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:15
S71	56	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (application same (first or storage or manager or server))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:18

## EAST Search History

S72	0	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first same ("814" or "816"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:20
S73	8	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first same san)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:23
S74	8	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first same second same san)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:28
S75	26	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first and (disk or array) and (library or tape) and (fiber or fabric or gig\$8))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:34
S76	36	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first and (disk or array) and (app\$8 or (san near3 serv\$3)) and (fiber or fabric or gig\$8))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:39
S77	32	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first and (disk or array) and (application or (san near3 serv\$3)) and (fiber or fabric or gig\$8))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:42

## EAST Search History

S78	0	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first same (disk or array) same (application or (san near3 serv\$3)) same (fiber or fabric or gig\$8))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:44
S79	93	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first same2 (disk or array) same2 (application or (san near3 serv\$3)) same2 (fiber or fabric or gig\$8))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:49
S80	92	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (first same2 (library or tape) same2 (application or (san near3 serv\$3)) same2 (fiber or fabric or gig\$8))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 18:59
S81	7	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ((first same switch\$3) and (first same stor\$3 same network\$3) and ((third same network) or sane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 19:14
S82	1	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (third same atm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 19:15
S83	14	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (third and atm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 09:14

## EAST Search History

S84	1	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (third same (atm or asynchronous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 19:17
S85	20	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and (third and (atm or asynchronous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:54
S86	39	("6944133" or "20020163910" or "6606690" or "5973722" or "6886086" or "20040128456" or "20030225966" or "7080140") and @ad<"20030627" and ( (atm or asynchronous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 19:19